

NTE8 Time Relay

1. General

- 1.1 Electric ratings: 5A/1A, AC230V/DC30V, AC 50/60Hz;
- 1.2 Rated insulation voltage U_i : 250V;
- 1.3 Mounting mode: II;
- 1.4 Protection degree: IP20;
- 1.5 Electric life (operations): 100×10^3 ;
- 1.6 Standard: IEC/EN 60947-5-1
- 1.7 Detailed certificates information, please refer to Certificates Table on P153.



2. Technical Data

2.1 Technical specifications

Model	Number of contact	Rated voltage of control power supply (V)	Rated operational voltage (V)	Rated operational current (A)	Time-delay range (s)	Type of time-delay
NTE8-10A	1NO	AC230	AC230	5	0.1~10	Breaking time-delay
NTE8-120A	1NO	AC230	AC230	5	10~120	Breaking time-delay
NTE8-480A	1NO	AC230	AC230	5	30~480	Breaking time-delay
NTE8-10B	1NO	AC230, DC24, AC24	AC230	5	0.1~10	Electrification time-delay
			DC30	1		
NTE8-120B	1NO	AC230, DC24, AC24	AC230	5	10~120	Electrification time-delay
			DC30	1		
NTE8-480B	1NO	AC230, DC24, AC24	AC230	5	30~480	Electrification time-delay
			DC30	1		

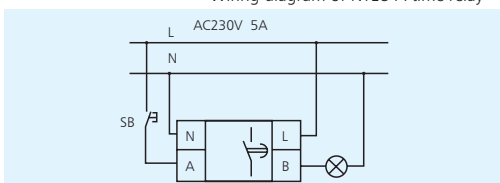
2.2 Technical parameters

- 2.2.1 Insulation intensity: between the circuit and mounting rail: AC 2000 V 1 min; between NO contacts: AC 750V 1min
- 2.2.2 Rated power consumption: <1W

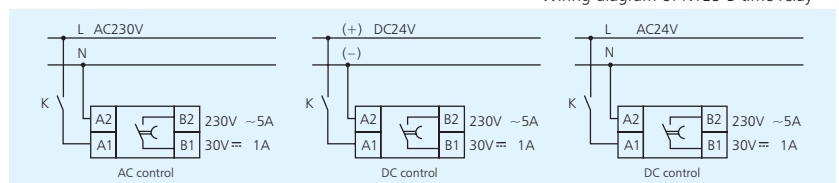
3. Wiring

- Cross section area of inflexible wire with single core: $1 \sim 6 \text{ mm}^2$;
- Cross section area of flexible wire with several cores: $0.75 \sim 4 \text{ mm}^2$.
- Tightening torque should be $0.8 \text{ N} \cdot \text{m}$

Wiring diagram of NTE8-A time relay



Wiring diagram of NTE8-B time relay

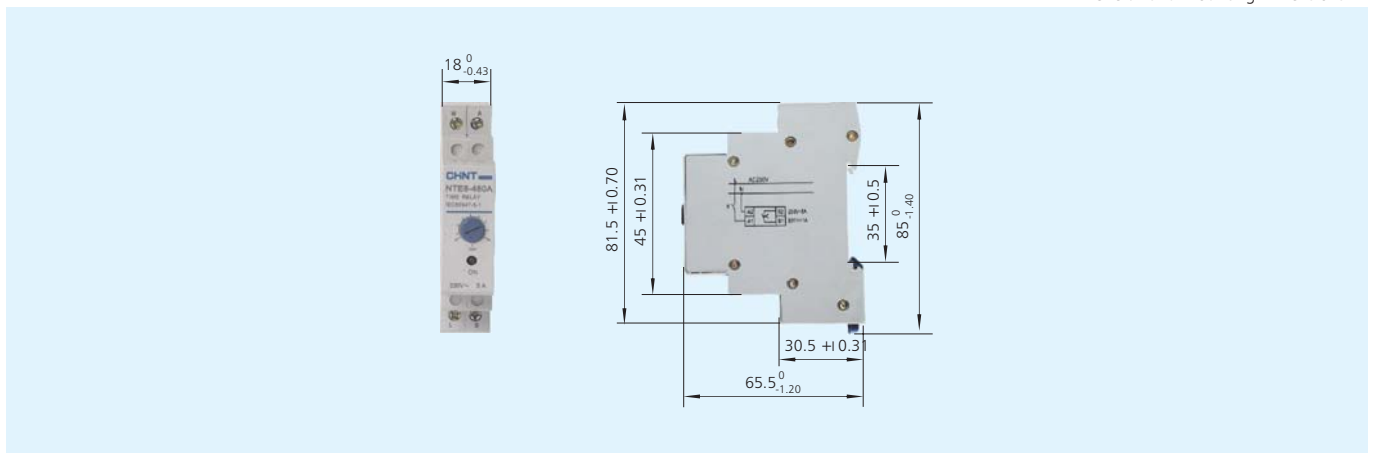


4. Features

- 4.1 Compact design, lightweight, long service life, good reliability, strong anti-interruption, accurate time-delay and stable operations;
- 4.2 Modularization design to match with mounting rail;
- 4.3 Low power consumption and energy-saving;

5. Overall and Mounting Dimensions (mm)

Overall and Mounting Dimensions



6. Ordering Information

Model	Category	Delayed time (s)	Operational voltage	CTN	Order Code	
					Standard	RoHS
NTE8	A	10	AC:220V/230V	120	153401	-
NTE8	A	120	AC:220V/230V	120	153402	-
NTE8	A	480	AC:220V/230V	120	153403	-
NTE8	B	10	AC:220V/230V	120	153404	-
NTE8	B	10	AC:24V	120	153405	-
NTE8	B	10	DC:24V	120	153406	-
NTE8	B	120	AC:220V/230V	120	153407	-
NTE8	B	120	AC:24V	120	153408	-
NTE8	B	120	DC:24V	120	153409	-
NTE8	B	480	AC:220V/230V	120	153410	-
NTE8	B	480	AC:24V	120	153411	-
NTE8	B	480	DC:24V	120	153412	-

Note: In case no special notification of rated voltage of control power supply, the default style is AC 230V.